Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028208.D
Acq On : 10 Oct 2023 21:41
Operator : MA/JU
Sample : 04693-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-3(0-5)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 02:34:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4027	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12277	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7243	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13067	0.400	ng	0.00
29) Chrysene-d12	21.515	240	16395	0.400	ng	# 0.00
35) Perylene-d12	23.981	264	17029	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3556	0.296	ng	0.00
5) Phenol-d6	7.084	99	4285	0.283	ng	0.00
8) Nitrobenzene-d5	9.112	82	3212	0.307	ng	-0.01
11) 2-Methylnaphthalene-d10	12.321	152	8512m	0.468	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	935	0.282	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	7175	0.275	ng	0.00
27) Fluoranthene-d10	19.356	212	9366	0.285	ng	0.00
31) Terphenyl-d14	19.941	244	9832	0.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	1692	0.375	ng	# 58
3) n-Nitrosodimethylamine	3.704	42	2091	0.404	ng	100
6) bis(2-Chloroethyl)ether	7.358	93	4820	0.395	ng	99
9) Naphthalene	10.789	128	203809	6.425	ng	98
10) Hexachlorobutadiene	11.002	225	2189	0.389	ng	# 98
12) 2-Methylnaphthalene	12.392	142	172724	7.784	ng	100
16) Acenaphthylene	14.288	152	465373	14.504	ng	99
17) Acenaphthene	14.630	154	57931	2.832	ng	96
18) Fluorene	15.606	166	216341	8.144	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.773	198	1117	6.431	ng	# 13
21) 4-Bromophenyl-phenylether	16.500	248	2732	0.401	ng	# 83
22) Hexachlorobenzene	16.586	284	3021	0.423	ng	# 83
23) Atrazine	16.773	200	2587	0.435	ng	# 85
24) Pentachlorophenol	16.959	266	12983	3.856	ng	95
25) Phenanthrene	17.368	178	1727032	49.024	ng	99
26) Anthracene	17.455	178	523019	15.707	ng	# 92
28) Fluoranthene	19.384	202	1373117	33.774	ng	99
30) Pyrene	19.755	202	1933624	32.163	ng	98
32) Benzo(a)anthracene	21.498	228	919436	16.481	ng	97
33) Chrysene	21.551	228	786301	14.625	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	14384	0.392	ng	94
36) Indeno(1,2,3-cd)pyrene	26.574	276	413328	7.216	ng	98
37) Benzo(b)fluoranthene	23.221	252	777652	14.140	ng	# 89
38) Benzo(k)fluoranthene	23.262	252	293798m	5.267	ng	
39) Benzo(a)pyrene	23.873	252	747571m	14.375	ng	
40) Dibenzo(a,h)anthracene	26.580	278	137112	2.926	ng	98
41) Benzo(g,h,i)perylene	27.384	276	437968	9.106	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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